

A NEW COSTA RICAN GLIDEMIA

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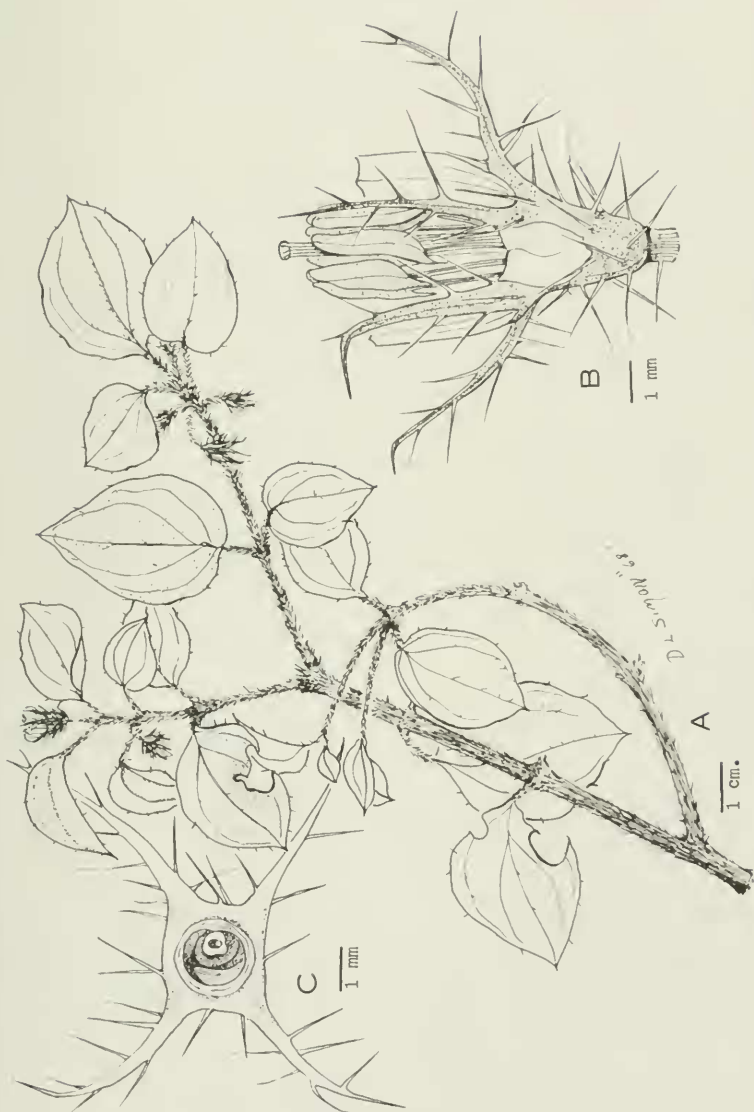
Clidemia striphnocalyx L. Wms. sp. nov.

Fruticuli epiphytici ramosi, caulibus gracilibus setoso-pubescentibus; folia ovata acuta 3-5-plinervia petiolata, petiolis setosis; inflorescentia pauciflora cymosa aut ramosa aut uniflora; hypanthium dense setosum; calyx 4-lobatum, lobis lineari-subulatis setosis; petala obovata obtusa asymmetrica; antherae 8; fructus desideratur.

Small epiphytic, much-branched shrubs probably less than 5 dm. tall; stems slender, mostly less than 1.5 mm. in diameter, densely covered with closely appressed stiff setose trichomes about 0.5-1 mm. long, becoming glabrous with age; leaves mostly broadly ovate, acute, 3-5-plinerved, ciliate, glabrous above or nearly so, appressed setose pubescent below on the nerves and also with obscure hairs on the surface and on the setose hairs, petioles to 10 mm. long, setose, blades of a pair usually somewhat anisophyllous, 1.5-3 cm. long and 1-2 cm. broad or sometimes smaller; inflorescence 1-3-flowered axillary or terminal cymes or racemes, these shorter than the subtending leaves; hypanthium obovate, becoming hemispheric at maturity, densely covered with reddish spreading setose hairs to about 3 mm. long; calyx lobes 4, linear-subulate, 3-4 mm. long, each with several setose hairs to 2 mm. long; petals narrowly obovate, obtuse, asymmetric, about 4 mm. long and 2.5 mm. broad, pale violet; anthers 8, similar, oblong and about 2-2.5 mm. long, short-spurred dorsally at the attachment; mature fruits not known, probably fleshy.

Costa Rica: epiphytic shrublet, four pale violet petals, sepals and fruit dark violet-red; disturbed primary forest high over Río Grande de Orosi, 8 km. south of Tapantí, province of Cartago, 7 May 1967, Roy W. Lent 932 (type, F; EAP, US; MICH).

A striking species of Clidemia somewhat related to C. reitziana Cogn. & Gleason but with very much smaller leaves, different pubescence on the stems and leaves and different flora detail.



Clidemia striphnocalyx. A, a branch; B, a flower from the side; C, calyx and ovary from above.